

Serial No. 10/042,603
Filed: 01/09/2002
Page 2 of 7

Examiner: Theresa T. Snider
Group Art Unit: 1762

In the Claims:

Kindly cancel claims 23-58 without prejudice.

1. (Previously Presented) A portable surface cleaning apparatus, comprising:
a base housing adapted for movement along a surface to be cleaned;
an upright handle pivotally mounted to the base housing;
a liquid dispensing system mounted at least in part to the base housing and comprising:
5 a first liquid dispenser associated with the base housing for applying liquid to a surface to be cleaned;
a liquid supply tank for holding a supply of cleaning liquid;
a first liquid supply conduit fluidly connected to the liquid supply tank and to the first liquid dispenser for supplying liquid to the first liquid dispenser;
10 a second liquid dispenser separate from the base housing and including a spray nozzle for dispensing liquid onto the surface to be cleaned; and
a second liquid supply conduit fluidly connected to the liquid supply tank and to the second liquid dispenser for supplying liquid to the second liquid dispenser;
a cleaning fluid pump for delivering cleaning liquid from the liquid supply tank at
15 least in part to the second liquid dispenser;
a liquid recovery system comprising:
a recovery tank mounted on the base housing and having a liquid recovery chamber for holding recovered liquid;
a suction nozzle associated with the base housing and adapted to draw dirty liquid
20 from the surface to be cleaned;
a working air conduit extending between the recovery tank and the suction nozzle;
an above-floor hose connected at one end to the recovery tank and having an open end for alternatively recovering liquid from the open end through the above-floor hose, the

Serial No. 10/042,603
Filed: 01/09/2002
Page 3 of 7

Examiner: Theresa T. Snider
Group Art Unit: 1762

25 above-floor hose carrying the second liquid supply conduit and mounting the second liquid dispenser at the open end thereof;

a vacuum source in fluid communication with the liquid recovery chamber for generating a flow of working air from the nozzle through the working air conduit, or alternatively from the open end of the above-floor hose, and through the liquid recovery chamber to thereby
30 draw dirty liquid from the surface to be cleaned through the nozzle and working air conduit, or from the open end of the above-floor hose and into the liquid recovery chamber to thereby recover the dirty liquid from the surface to be cleaned;

the improvement comprising:

a fluid reservoir mounted to the second liquid dispenser for dispensing a fluid onto the
35 surface; and

a fluid reservoir pump mounted to the second liquid dispenser for drawing fluid from the reservoir and for spraying the fluid onto the surface along with the fluid from the liquid supply tank.

2. (Original) A portable surface cleaning apparatus according to claim 1 wherein the fluid reservoir pump is an aspirator.

3. (Original) A portable surface cleaning apparatus according to claim 2 wherein the second liquid dispenser is without a suction nozzle opening.

4. (Original) A portable surface cleaning apparatus according to claim 2 wherein the second liquid dispenser has a vent opening for venting suction in the hose to the atmosphere.

5. (Original) A portable surface cleaning apparatus according to claim 4 wherein the second liquid dispenser and the reservoir have a quick connect mechanism for removably mounting the reservoir to the second liquid dispenser.

6. (Original) A portable surface cleaning apparatus according to claim 5 wherein the quick connect mechanism includes an open neck on an upper portion of the reservoir.

7. (Original) A portable surface cleaning apparatus according to claim 6 and further comprising a cap for mounting to the open neck of the reservoir when the reservoir is

Serial No. 10/042,603
Filed: 01/09/2002
Page 4 of 7

Examiner: Theresa T. Snider
Group Art Unit: 1762

removed from the second liquid dispenser for sealing the reservoir when the reservoir is removed from the second liquid dispenser.

8. (Original) A portable surface cleaning apparatus according to claim 7 wherein the neck is threaded and the cap is threaded onto the neck.

9. (Original) A portable surface cleaning apparatus according to claim 8 wherein the reservoir is vented through the threads on the neck.

10. (Previously Presented) A portable surface cleaning apparatus according to claim 8 wherein the quick connect mechanism is a bayonet connection.

11. (Original) A portable surface cleaning apparatus according to claim 1 wherein the second liquid dispenser has a vent opening for venting suction in the hose to the atmosphere.

12. (Original) A portable surface cleaning apparatus according to claim 1 wherein the second liquid dispenser and the reservoir have a quick connect mechanism for removably mounting the reservoir to the second liquid dispenser.

13. (Original) A portable surface cleaning apparatus according to claim 12 wherein the quick connect mechanism includes an open neck on an upper portion of the reservoir.

14. (Original) A portable surface cleaning apparatus according to claim 13 and further comprising a cap for mounting to the open neck of the reservoir when the reservoir is removed from the second liquid dispenser for sealing the reservoir when the reservoir is removed from the second liquid dispenser.

15. (Original) A portable surface cleaning apparatus according to claim 14 wherein the neck is threaded and the cap is threaded onto the neck.

16. (Original) A portable surface cleaning apparatus according to claim 15 wherein the reservoir is vented through the threads on the neck.

17. (Previously Presented) A portable surface cleaning apparatus according to claim 12 wherein the quick connect mechanism is a bayonet connection.

18. (Previously Presented) A portable surface cleaning apparatus according to claim 1 and further comprising a body of a liquid surface protectant composition in the reservoir.

Serial No. 10/042,603
Filed: 01/09/2002
Page 5 of 7

Examiner: Theresa T. Snider
Group Art Unit: 1762

19. (Previously Presented) A portable surface cleaning apparatus according to claim 1 and further comprising a body of liquid stain repellent composition in the reservoir.
20. (Previously Presented) A portable surface cleaning apparatus according to claim 1 and further comprising a body of a liquid miticide composition in the reservoir.
21. (Previously Presented) A portable surface cleaning apparatus according to claim 1 wherein the liquid recovery system further comprises a switch for selectively operating the vacuum source independent of the pump.
22. (Previously Presented) A portable surface cleaning apparatus according to claim 1 wherein the second liquid dispenser is void of a suction nozzle.
23. (Cancelled)
24. (Cancelled)
25. (Cancelled)
26. (Cancelled)
27. (Cancelled)
28. (Cancelled)
29. (Cancelled)
30. (Cancelled)
31. (Cancelled)
32. (Cancelled)
33. (Cancelled)
34. (Cancelled)
35. (Cancelled)
36. (Cancelled)
37. (Cancelled)
38. (Cancelled)
39. (Cancelled)
40. (Cancelled)
41. (Cancelled)

Serial No. 10/042,603
Filed: 01/09/2002
Page 6 of 7

Examiner: Theresa T. Snider
Group Art Unit: 1762

- 42. (Cancelled)
- 43. (Cancelled)
- 44. (Cancelled)
- 45. (Cancelled)
- 46. (Cancelled)
- 47. (Cancelled)
- 48. (Cancelled)
- 49. (Cancelled)
- 50. (Cancelled)
- 51. (Cancelled)
- 52. (Cancelled)
- 53. (Cancelled)
- 54. (Cancelled)
- 55. (Cancelled)
- 56. (Cancelled)
- 57. (Cancelled)
- 58. (Cancelled)